METHOD FOR REMOVING AND RECOVERING NICKEL IN AQUEOUS IRON CHLORIDE SOLUTION

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Inventor:	MITSUYAMA FUMIO; others: 01
Applicant:	TOAGOSEI CHEM IND CO LTD
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Abstract of **JP5263273**

PURPOSE:To efficiently remove nickel in an aq. iron chloride soln., to increase the nickel content in the mixture of iron and nickel separated from the soln. and to eliminate the need for discarding the mixture.

CONSTITUTION:Nickel in an aq. iron chloride soln. is removed and recovered as follows. Namely, an iron powder necessary to deposit nickel is added in portions to the soln. to remove and recover nickel in the soln. The deposited nickel is separated each time a portion is added. In this case, when the separated mixture contains >=15wt.% in total of iron and nickel, nickel is separated, and the mixture is recycled when the mixture contains <15wt.% in total of iron and nickel.